

L Number	Hits	Search Text	DB	Time stamp
-	1262	345/87.ccls.	USPAT; US-PGPUB; DERWENT	2003/06/18 12:24
-	2	345/87.ccls. and (swing near2 common near2 electrode)	USPAT; US-PGPUB; DERWENT	2003/06/18 12:26
-	359	345/87.ccls. and (common near2 electrode)	USPAT; US-PGPUB; DERWENT	2003/06/18 12:26
-	12	(345/87.ccls. and (common near2 electrode)) and swing	USPAT; US-PGPUB; DERWENT	2003/06/18 12:26
-	229	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.)	USPAT; US-PGPUB; DERWENT	2003/06/18 17:26
-	166	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.)	USPAT	2003/06/18 17:52
-	161	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.) and line	USPAT	2003/06/18 17:53
-	39	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.) and (line near2 inversion)	USPAT	2003/06/18 17:53
-	36	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.) and parasitic	USPAT	2003/06/18 17:58
-	63	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.) and odd and even	USPAT	2003/06/18 18:07
-	36	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.) and (odd near3 line) and (even near3 line)	USPAT	2003/06/18 18:08
-	13	("4842371" "5093655" "5274366" "5392058" "5412397" "5414443" "5418547" "5436635" "5438342" "5459484" "5465102" "5510805" "5528256").PN.	USPAT	2003/06/18 18:17
-	23	5748165.URPN.	USPAT	2003/06/18 18:17
-	23	5748165.URPN.	USPAT	2003/06/18 18:19
-	229	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.)	USPAT; US-PGPUB; DERWENT	2003/06/19 16:13
-	85362	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.) and line inversion	USPAT; US-PGPUB; DERWENT	2003/06/19 16:13
-	62	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.) and (line near2 inversion)	USPAT; US-PGPUB; DERWENT	2003/06/19 16:20
-	39	((common near3 electrode\$3) near8 (polarity inversion)) and (345/87-104.ccls.) and (line near2 inversion)	USPAT	2003/06/19 18:36

-	55	(((common near3 electrodd\$3) near8 (polarity inversion)) and (345/87-104.ccls.)) and (common near3 (times wide\$1 width))	USPAT	2003/06/19 16:37
-	29	(((common near3 electrodd\$3) near8 (polarity inversion)) and (345/87-104.ccls.)) and ((common near2 voltage) near3 (times wide\$1 width))	USPAT	2003/06/19 16:40
-	3	(((common near3 electrodd\$3) near8 (polarity inversion)) and (345/87-104.ccls.)) and (((common near2 voltage) near3 pulse) near3 (times wide\$1 width))	USPAT	2003/06/19 16:41
-	7	swing and (((common near3 electrodd\$3) near8 (polarity inversion)) and (345/87-104.ccls.))	USPAT	2003/06/19 18:37
-	6	swing adj common adj electrode	USPAT; US-PGPUB; DERWENT	2003/06/20 11:13
-	236	((common near3 electrodd\$3) near8 (polarity invert inversion)) and (345/87-104.ccls.)	USPAT; US-PGPUB; DERWENT	2003/06/20 11:29
-	236	((common near3 electrodd\$3) near8 (polarity invert inversion)) and (345/87-104.ccls.)	USPAT; US-PGPUB; DERWENT	2003/06/20 11:29
-	172	((common near3 electrodd\$3) near8 (polarity invert inversion)) and (345/87-104.ccls.)	USPAT	2003/06/20 14:15
-	1	6064358.pn.	USPAT	2003/06/20 13:27
-	30	(((common near3 electrodd\$3) near8 (polarity invert inversion)) and (345/87-104.ccls.)) and (line adj inversion)	USPAT	2003/06/20 13:27
-	37	(((common near3 electrodd\$3) near8 (polarity invert inversion)) and (345/87-104.ccls.)) and "n+1"	USPAT	2003/06/20 15:50
-	1	5748165.pn.	USPAT	2003/06/20 16:30
-	169	(((common near3 electrodd\$3) near8 (polarity invert inversion)) and (345/87-104.ccls.)) and (two near US-20030107544-A1.DID. (common adj electrode))	USPAT	2003/06/20 16:30
-	172	(((common near3 electrodd\$3) near8 (polarity invert inversion)) and (345/87-104.ccls.)) and (two near US-20030107544-A1.DID. (common))	USPAT	2003/06/20 16:31
-	4	(((common near3 electrodd\$3) near8 (polarity invert inversion)) and (345/87-104.ccls.)) and (two adj (common adj electrode))	USPAT	2003/06/20 16:31
-	1783	(common adj (electrode line)) and (storage adj capacit\$4)	USPAT	2004/02/05 17:01
-	0	((common adj (electrode line)) and (storage adj capacit\$4)) and swing near2 common	USPAT	2004/02/05 16:01
-	0	((common adj (electrode line)) and (storage adj capacit\$4)) and (swing near2 common)	USPAT	2004/02/05 16:01

-	0	((common adj (electrode line)) and (storage adj capacit\$4)) and (swing near2 common adj voltage)	USPAT	2004/02/05 16:01
-	0	swing near2 common adj voltage	USPAT	2004/02/05 16:01
-	1	swing near2 (common adj voltage)	USPAT	2004/02/05 16:02
-	0	swing near2 (common adj electrode)	USPAT	2004/02/05 16:18
-	161	((common adj (electrode line)) and (storage adj capacit\$4)) and (common adj voltage)	USPAT	2004/02/05 16:20
-	131	((common adj (electrode line)) and (storage adj capacit\$4)) and (common adj voltage)) and matrix	USPAT	2004/02/05 16:20
-	117	((common adj (electrode line)) and (storage adj capacit\$4)) and (common adj voltage)) and matrix) and display	USPAT	2004/02/05 16:20
-	65	(common adj (electrode line)) and (storage adj capacit\$4) and ((dot line) adj inversion)	USPAT	2004/02/05 17:08
-	46	(common adj (electrode line)) and (storage adj capacit\$4) and ((dot pixel) adj inversion)	USPAT	2004/02/05 17:08
-	4459	(common near2 (line electrode)) and (storage adj capacit\$4)	USPAT; JPO	2004/02/05 17:38
-	5	((common near2 (line electrode)) and (storage adj capacit\$4)) and (two near2 common adj voltages)	USPAT; JPO	2004/02/05 17:42
-	0	((common near2 (line electrode)) and (storage adj capacit\$4)) and ((two second pair multiple several plurality) near3 common adj voltages)) and (not ((common near2 (line electrode)) and (storage adj capacit\$4)))	USPAT; JPO	2004/02/05 17:41
-	7	((common near2 (line electrode)) and (storage adj capacit\$4)) and ((two second pair multiple several plurality) near3 common adj voltages)	USPAT; JPO	2004/02/05 17:43
-	5	((common near2 (line electrode)) and (storage adj capacit\$4)) and (two near2 common adj voltage)	USPAT; JPO	2004/02/05 17:43
-	220	((common near2 (line electrode)) and (storage adj capacit\$4)) and (common adj voltage)	USPAT; JPO	2004/02/05 17:43
-	32	((common near2 (line electrode)) and (storage adj capacit\$4)) and ((two second pair multiple several plurality) near3 common adj voltage)	USPAT; JPO	2004/02/05 17:44
-	1635	((common near2 (line electrode)) and (storage adj capacit\$4)) and ((two second pair multiple several plurality) near3 common)	USPAT; JPO	2004/02/05 17:44
-	1635	((common near2 (line electrode)) and (storage adj capacit\$4)) and ((two second pair multiple several plurality) near3 common)	USPAT; JPO	2004/02/05 17:44

-	136	((common near2 (line electrode)) and (storage adj capacit\$4)) and ((two second pair multiple several plurality) near3 common near2 (source))	USPAT; JPO	2004/02/05 17:44
-	135	((common near2 (line electrode)) and (storage adj capacit\$4)) and ((two second pair multiple several plurality) near3 common near2 (source))	USPAT	2004/02/05 17:57
-	29788	(dot line pixel) near5 (invert\$3 inversion)	USPAT	2004/02/05 17:58
-	5190	((dot line pixel) near5 (invert\$3 inversion)) and (common near2 (voltage electrode line))	USPAT	2004/02/05 17:58
-	277	((dot line pixel) near5 (invert\$3 inversion)) and (common near2 (voltage electrode line))) and frame near5 (invert\$3 inversion)	USPAT	2004/02/05 17:59
-	1894	((dot line pixel) near5 (invert\$3 inversion)) and (common near2 (voltage electrode line))) and matrix	USPAT	2004/02/05 17:59
-	220	((dot line pixel) near5 (invert\$3 inversion)) and (common near2 (voltage electrode line))) and frame near5 (invert\$3 inversion)) and matrix	USPAT	2004/02/05 17:59
-	170	((dot line pixel) near5 (invert\$3 inversion)) and (common near2 (voltage electrode line))) and frame near5 (invert\$3 inversion)) and matrix) and 345/\$.ccls.	USPAT	2004/02/05 17:59
-	167	((dot line pixel) near5 (invert\$3 inversion)) and (common near2 (voltage electrode line))) and overshoot	USPAT	2004/02/05 18:00
-	6	((dot line pixel) near5 (invert\$3 inversion)) and (common near2 (voltage electrode line))) and frame near5 (invert\$3 inversion)) and matrix) and overshoot	USPAT	2004/02/05 18:02
-	277	((dot line pixel) near5 (invert\$3 inversion)) and (common near2 (voltage electrode line))) and frame near5 (invert\$3 inversion))	USPAT	2004/02/05 18:02
-	216	((dot line pixel) near5 (invert\$3 inversion)) and (common near2 (voltage electrode line))) and frame near5 (invert\$3 inversion)) and display and matrix	USPAT	2004/02/05 18:03
-	228	dot adj inversion	USPAT; JPO	2004/02/05 18:19
-	220	(dot adj inversion) and display	USPAT; JPO	2004/02/05 18:19
-	171	dot adj inversion	USPAT	2004/02/05 18:21
-	103	(dot adj inversion) and common adj (voltage electrode)	USPAT	2004/02/05 18:20
-	15	(dot adj inversion).ab.	USPAT	2004/02/05 18:22
-	4	(dot adj inversion).ab. and storage	USPAT	2004/02/05 18:23
-	62	(dot adj inversion) and storage adj capacit\$4	USPAT	2004/02/05 18:24

-	68	((dot pixel) adj inversion) and storage adj capacit\$4	USPAT	2004/02/05 18:24
-	59	((dot pixel) adj inversion) and storage adj capacit\$4) and common	USPAT	2004/02/05 18:24
-	45	((dot pixel) adj inversion) and storage adj capacit\$4) and (common adj (line electrode))	USPAT	2004/02/05 18:24
-	72594	common near4 (line electrode)	USPAT; JPO	2004/05/04 12:10
-	58084	common near4 (line electrode)	USPAT	2004/05/04 12:10
-	5363	(common near4 (line electrode)) and display.ab.	USPAT	2004/05/04 12:10
-	622	alternat\$3 near4 (common near4 (line electrode))	USPAT	2004/05/04 13:14
-	129	(alternat\$3 near4 (common near4 (line electrode))) and 345/\$.ccls.	USPAT	2004/05/04 13:15
-	27	(alternat\$3 near4 (common near4 (line electrode))) and ((line dot pixel) near3 inversion)	USPAT	2004/05/04 13:15
-	63	(alternat\$3 near4 (common near4 (line electrode))) and ((line dot pixel) near3 inver\$4)	USPAT	2004/05/04 13:42
-	489	(common near4 (line electrode)) and ((line dot pixel) near3 inversion)	USPAT	2004/05/04 13:15
-	193	((common near4 (line electrode)) and ((line dot pixel) near3 inversion)) and 345/\$.ccls.	USPAT	2004/05/04 13:15
-	36	((alternat\$3 near4 (common near4 (line electrode))) and ((line dot pixel) near3 inver\$4)) and (not ((alternat\$3 near4 (common near4 (line electrode))) and ((line dot pixel) near3 inversion)))	USPAT	2004/05/04 13:47
-	1947	(dot pixel) near3 inver\$5	USPAT	2004/05/04 13:47
-	752	((dot pixel) near3 inver\$5) and (LCD (liquid near2 crystal))	USPAT	2004/05/04 13:48
-	305	((dot pixel) near3 inver\$5) and (LCD (liquid near2 crystal))) and (common near2 (line electrode))	USPAT	2004/05/04 13:49
-	65	((dot pixel) near3 inver\$5) and (LCD (liquid near2 crystal))) and (common near2 (line electrode)) near4 (opposite alterna\$4)	USPAT	2004/05/04 14:00
-	70	((dot pixel) near3 inver\$5) and (LCD (liquid near2 crystal))) and (common near2 (line electrode)) near4 (opposite alterna\$4 neighbor\$4)	USPAT	2004/05/04 14:00
-	18	((dot pixel) near3 inver\$5) and (LCD (liquid near2 crystal))) and (common near2 (line electrode)) near4 (adjacent neighbor\$4)	USPAT	2004/05/04 14:00
-	8381	frame near4 inver\$4	USPAT; JPO	2004/05/06 12:37
-	385	(frame near4 inver\$4) and (common near3 (line electrode))	USPAT; JPO	2004/05/06 12:34

-	434	(frame near4 inver\$4) and (common near3 (line electrode voltage))	USPAT; JPO	2004/05/06 12:34
-	80	((frame near4 inver\$4) and (common near3 (line electrode))) and ((alternat\$4) (every adj other)) near4 (common line electrode)	USPAT; JPO	2004/05/06 12:37
-	35743	(frame dot line) near4 inver\$4	USPAT; JPO	2004/05/06 12:37
-	2317	((frame dot line) near4 inver\$4) and ((alternat\$4) (every adj other)) near4 (common line electrode)	USPAT; JPO	2004/05/06 12:43
-	243	((frame dot line) near4 inver\$4) and ((alternat\$4) (every adj other)) near4 (common line electrode) and 345/\$.ccls.	USPAT; JPO	2004/05/06 12:37
-	163	((frame dot line) near4 inver\$4) and ((alternat\$4) (every adj other)) near4 (common line electrode) and 345/87-104.ccls.	USPAT; JPO	2004/05/06 12:38
-	164	((frame dot line) near4 inver\$4) and ((alternat\$4) (every adj other)) near4 (common line electrode) and 345/87-107.ccls.	USPAT; JPO	2004/05/06 13:04
-	8196	((frame dot line) near4 inver\$4) and (two) near4 (common line electrode)	USPAT; JPO	2004/05/06 13:02
-	37	((frame dot line) near4 inver\$4) and ((alternat\$4) (every adj other)) near4 (common near3 (line electrode))	USPAT; JPO	2004/05/06 12:49
-	68	((frame dot line) near4 inver\$4) and ((alternat\$4) (every adj other)) near4 ((common near3 (voltage))(vcom))	USPAT; JPO	2004/05/06 13:00
-	320	((frame dot line) near4 inver\$4) and (two) near4 (common near3 (voltage line electrode)))	USPAT; JPO	2004/05/06 13:03
-	304	((frame dot line) near4 inver\$4) and (two) near4 (common near3 (voltage line electrode))) and (two) near4 (common line electrode)	USPAT; JPO	2004/05/06 13:02
-	324	((frame dot line) near4 inver\$4) and (two) near4 ((common near3 (voltage line electrode)) vcom))	USPAT; JPO	2004/05/06 13:04
-	830	((frame dot line) near4 inver\$4) and ((two second) near4 ((common near3 (voltage line electrode)) vcom))	USPAT; JPO	2004/05/06 13:07
-	123	((frame dot line) near4 inver\$4) and ((two second) near4 ((common near3 (voltage line electrode)) vcom))) and 345/87-107.ccls.	USPAT; JPO	2004/05/06 13:07
-	687	((frame dot line) near4 inver\$4) and ((two second) near4 ((common near3 (line electrode)) vcom))	USPAT; JPO	2004/05/06 13:07
-	680	((frame dot line) near4 inver\$4) and ((two second) near4 ((common near3 (line electrode))))	USPAT; JPO	2004/05/06 13:07
-	91	((frame dot line) near4 inver\$4) and ((two second) near4 ((common near3 (line electrode)))) and 345/87-107.ccls.	USPAT; JPO	2004/05/06 13:07

-	134307	(common near3 (voltage electrode line))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:09
-	7948	((common near3 (voltage electrode line))) and LCD	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:09
-	1708	(storage adj capacitor) same (common near3 (voltage electrode line))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 17:36
-	627	((storage adj capacitor) same (common near3 (voltage electrode line))) and LCD	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:09
-	514	(storage adj capacitor) same (opposite different adjacent neighboring alternat\$4) same (common near3 (voltage electrode line))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:10
-	89	(storage adj capacitor) same (alternat\$4) same (common near3 (voltage electrode line))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:10
-	61	(storage adj capacitor) same (alternat\$4) same (common near3 (voltage electrode line))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 15:10
-	5	("5253091" "5489867" "5748165" "5886679" "5926161").PN.	USPAT	2004/05/06 17:22
-	13	("4842371" "5093655" "5274366" "5392058" "5412397" "5414443" "5418547" "5436635" "5438342" "5459484" "5465102" "5510805" "5528256").PN.	USPAT	2004/05/06 17:24
-	31	vcom1 and vcom2	USPAT; US-PGPUB; DERWENT	2004/05/06 17:28
-	24	vcom1 and vcom2	USPAT; JPO; DERWENT	2004/05/06 17:28
-	112	(storage adj capacitor) same (alternat\$4 near3 (line))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 17:37

-	13	(storage adj capacitor) near6 (alternat\$4 near3 (line))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 17:41
-	11	(storage adj capacitor) near9 (alternat\$4 near3 (line))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 17:42
-	54	(two second) near3 common near9 (alternat\$4 near5 (line))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 17:43
-	6625	gate near6 (common near2 (line electrode))	USPAT; US-PGPUB; DERWENT	2004/05/07 11:36
-	418	gate near6 parallel near6 (common near2 (line electrode))	USPAT; US-PGPUB; DERWENT	2004/05/07 11:37
-	257	gate near6 parallel near6 (common near2 (line electrode))	USPAT; DERWENT	2004/05/07 11:37
-	16	345/87-107.ccls. and (gate near6 parallel near6 (common near2 (line electrode)))	USPAT; DERWENT	2004/05/07 11:38
-	0	capacitor near6 (every adj other) near5 common	USPAT; JPO	2004/05/07 11:51
-	31	capacitor near6 (alternating) near5 common	USPAT; JPO	2004/05/07 11:51
-	1	5926161.pn.	USPAT; JPO	2004/05/10 12:40
-	1	6489952.pn.	USPAT; JPO	2004/05/10 13:45
-	1	"20020018035"	US-PGPUB	2004/05/10 13:45